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1: U12639. GUS gene fusion v... [gi:2088506]

Links

LOCUS PB1101TD 5349 bp DNA linear SYN 01-DEC-2000

DEFINITION GUS gene fusion vector pBI101 T-DNA region.

ACCESSION U12639

VERSION U12639.1 GI:2088506

KEYWORDS pBI101; T-DNA; GUS gene fusion vector; neomycin phosphotransferase; beta-glucuronidase.

SOURCE Cloning vector pBI101

ORGANISM Cloning vector pBI101

artificial sequences; vectors.

REFERENCE 1 (sites)

AUTHORS Jefferson,R.A., Burgess,S.M. and Hirsh,D.

TITLE beta-Glucuronidase from Escherichia coli as a gene-fusion marker

JOURNAL Proc. Natl. Acad. Sci. U.S.A. 83 (22), 8447-8451 (1986)

MEDLINE 87041472

PUBMED 3534890

REFERENCE 2 (bases 1 to 5349)

AUTHORS Jefferson,R.A., Kavanagh,T.A. and Bevan,M.W.

TITLE GUS fusions: beta-glucuronidase as a sensitive and versatile gene fusion marker in higher plants

JOURNAL EMBO J. 6 (13), 3901-3907 (1987)

MEDLINE 88166629

PUBMED 3327686

REFERENCE 3 (bases 2497 to 2556)

AUTHORS Jefferson,R.

TITLE Assaying chimeric genes in plants: the GUS gene fusion system

JOURNAL Plant Mol. Biol. Rep. 5, 387-405 (1987)

REFERENCE 4 (bases 1 to 5349)

AUTHORS Wei,W. and Lindsey,K.

TITLE T-DNA sequence of the GUS gene fusion vector pBI101

JOURNAL Unpublished

REFERENCE 5 (bases 1 to 5349)

AUTHORS Wei,W.

TITLE Direct Submission

JOURNAL Submitted (22-JUL-1994) Wenbin Wei, Botany, University of Leicester, University Road, Leicester, LE1 7RH, UK

COMMENT On May 14, 1997 this sequence version replaced gi:529328.

FEATURES

source

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/organism="Cloning vector pBI101"

/db_xref="taxon:36566"

/note="sequence from the right border to the left border"

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/note="pBin19 sequence, containing a neomycin phosphotransferase gene driven by nos promoter"

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/note="the right border repeat"

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misc feature

repeat unit

CDS

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/note="3'UTR of the nopaline synthase gene"

misc feature

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/note="pBin19 sequence (see also GenBank Accession Number U09365)"

repeat unit

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/note="the left border repeat"

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Revised: July 5, 2002.

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